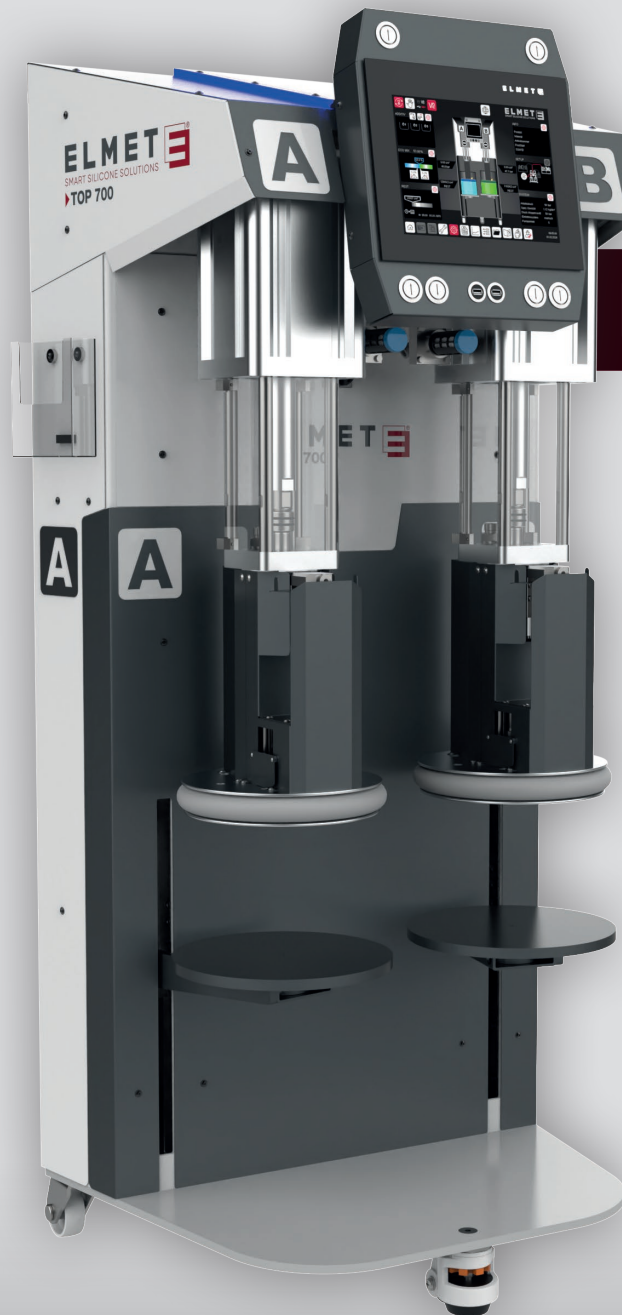


THE NEW MILESTONE IN COMPACT
DOSING TECHNOLOGY.

▶ **TOP 700**
DOSING SYSTEM



NEW

24
MONTH
WARRANTY



TRY-IT-FIRST
TEST **FREE OF**
CHARGE &
WITHOUT
OBLIGATION

TOP METERED
TOP MIXED
TOP IN USE



COMPACT - EFFICIENT - RELIABLE - PRECISE

With ELMET dosing systems, process stability is the top priority. The TOP 700 impresses not only with its compact design (the smallest 20-liter system on the market) and cost-effectiveness, but also with its reliable continuity and the outstanding quality of the manufactured parts. With its precise mixing ratio of silicones and additives, the TOP 700 sets a new milestone on the market. It enables precise dosing at the highest level, leading to outstanding results.

POWERFUL

- ▶ Rate more than 5 liters/minute / 1.32 gallon/minute*
- ▶ Max. Pump pressure 210 bar / 3046 psi
- ▶ High-precision mixing ratio - volume Counter cell resolution 15.6 $\mu\text{l/l}$

ECONOMIC EFFICIENCY

- ▶ Material utilization per container up to 99.8 %
- ▶ High-quality components = service life of 20+ years
- ▶ Low maintenance costs
- ▶ Maximum process stability thanks to integrated high-precision volume counting

ENERGY EFFICIENCY

- ▶ Electrical energy consumption approx. 50 Wh
- ▶ Minimal idling losses - no pressure loss

VERSATILE IN USE

- ▶ FDA / EMA compliant
- ▶ Widest viscosity range on the market: 0.001 to 2000 Pas** (16,000 Pas***)

SAFETY

- ▶ Safest system on the market (EN ISO 13849-1)
- ▶ Fully automatic drum change from the edge of the drum
- ▶ Intuitive and simple operation

USER-FRIENDLY

- ▶ Can be fully integrated into machine control systems (OPC UA | Euromap 82.3)
- ▶ Fully automatic de-airing
- ▶ Air detection

PROCESSING UNIT

40D12

- ▶ Modular design
- ▶ Flow-optimized
- ▶ Integrated cooling
- ▶ Simple clamp connection
- ▶ Easy cleaning (Step by step video)
- ▶ 45° & 90° connection

ADDITIVE LINES

FLEXIBLE & PRECISE

- ▶ 1 l / 4 l / 20 l
- ▶ Volume counter (resolution < 0.1 $\mu\text{l/l}$)
- ▶ Simultaneous drum emptying A+B (Eco-Mix) or freely selectable mixing ratio (Fix-Mix)

*Measured with silicone oil at $\dot{\gamma} = 10 \text{ 1/s}$ $\eta = 2.7 \text{ Pas}$ (A+B component)

** $\dot{\gamma} = 10 \text{ 1/s}$ *** $\dot{\gamma} = 1 \text{ 1/s}$

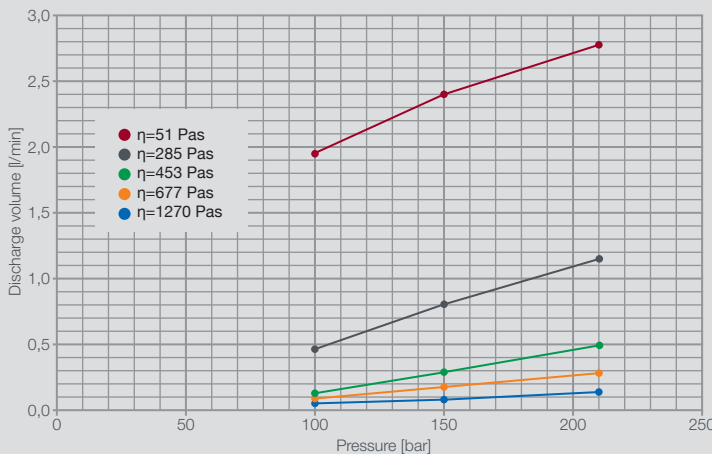
**MORE THAN
25 YEARS OF
EXPERIENCE**

TECHNICAL INFORMATION TOP 700

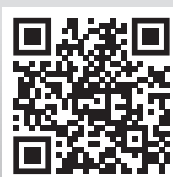
Dimensions L/W/H	799 x 600 x 1775 mm 31.5 x 23.6 x 69.9 inch
Drum size	20 liters / 5 gallons
Drum change	3 sides (180°) in 2 minutes automatically guided
Usable materials [Pas]**	0.001 to 2000
Discharge rate per component @ 2.7 Pas	> 2500 cm ³ /min
Maximum delivery pressure	210 bar / 3046 psi
Power supply	100 - 264 VAC, 4 A
Air supply	6 bar – 1000 NL / min (1/2")
Additive lines	max. 6
Mixing elements	1 Standard to 10 Optional
Volume counter	Yes
Certifications	CE, UL, FDA, EMA

Simultaneous drum emptying (Eco-Mix)	Standard
Freely selectable mixing ratio (Fix-Mix)	Optional
Shore-Mix	Optional
LSR Select	Optional
Barcode drum recognition	Optional
Wheels	Standard
Customized paint work	Optional
Process documentation USB	Standard
OPC UA	Optional
Euomap 82.3	Optional
Remote maintenance via VNC	Optional
Premium Connectivity	Optional
Simplex (two-machine operation)	Optional
Tandem (no production downtime)	Optional

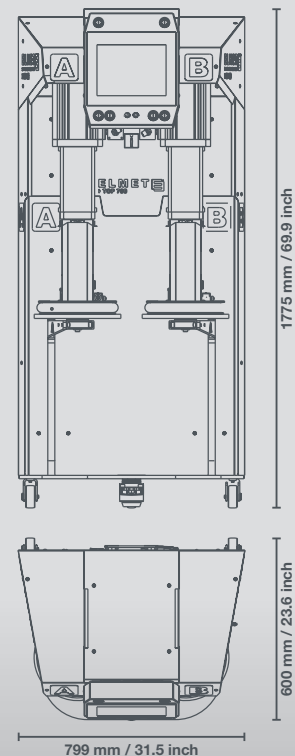
DELIVERY RATE PUMP UNIT S



Viscosity measured at $\dot{\gamma} = 10/s$



**TOP 700
LEARN MORE**



MOLDS.
DOSING TECHNOLOGY.
PART PRODUCTION.



www.elmet.com

FOR MORE THAN 25 YEARS

we have been developing the best and most individual solutions for our customers. As an internationally active high-end full system & service supplier for the processing and dosing of liquid silicone rubber (LSR), ELMET is one of the absolute specialists in this field. ELMET is a global player in the production of high-quality silicone and multi-component molded parts.



SMART SILICONE SOLUTIONS

ELMET Elastomere Produktions- und Dienstleistungs GmbH

Tulpenstraße 21 | 4064 Oftring | Austria | T: +43 7221 74577-0 | E: office@elmet.com

ELMET NORTH AMERICA INC.

712 Terminal Road, Lansing, MI 48906 USA
Local: 517-664-9011
Toll Free: 866-628-6499
office@elmet.com

ELMET GREATER CHINA

No. 20, Renxiang St., Dali Dist.,
Taichung City
T: +866-979-885-628
office@elmet.com

ELMET JAPAN

3-902-4, Yashirogaoka, Meito-ku,
Nagoya-shi, Aichi-ken 4650051
T: +81-70-7793-1895
office@elmet.com